

Product datasheet

Anti-ST14 antibody ab235925

1 Image

Overview

| | |
|----------------------------|--|
| Product name | Anti-ST14 antibody |
| Description | Rabbit polyclonal to ST14 |
| Host species | Rabbit |
| Tested applications | Suitable for: IHC-P |
| Species reactivity | Reacts with: Human |
| Immunogen | Recombinant fragment corresponding to Human ST14 aa 566-855. |

Sequence:

```
TCTKHTYRCLNGLCLSKGNPECDGKEDCSDGSDEKDCD
CGLRSFTRQARV
VGGTDADEGEWPWQVSLHALGQGHICGASLISPWLVS
AAHCYIDDRGFR
YSDPTQWTAFLGLHDQSQRSAPGVQERRLKRIISHPPFND
FTFDYDIALL
ELEKPAEYSSMVRPICLPDASHVFPAGKAMVTGWGHTQ
YGGTGALILQK
GEIRVINQTTCEPLLQQTIPRMMCVGFLSGGVDSCQGDS
GGPLSSVEAD
GRIFQAGVVSWGDGCAQRNKPGVYTRLPLFRDWIKENTG
V
```

Database link: [Q9Y5Y6](#)

 [Run BLAST with](#)

 [Run BLAST with](#)

Positive control IHC-P: Human placenta tissue.

General notes

Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.

Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.

We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.

In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.

We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.

Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.

Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, as well as customer reviews and Q&As.

Properties

| | |
|-----------------------------|---|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle. |
| Storage buffer | pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 50% Glycerol (glycerin, glycerine), PBS |
| Purity | Immunogen affinity purified |
| Clonality | Polyclonal |
| Isotype | IgG |

Applications

Our [Abpromise guarantee](#) covers the use of **ab235925** in the following tested applications.

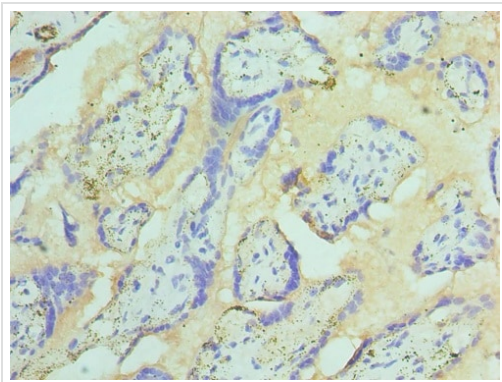
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|-------------|-----------|---------------|
| IHC-P | | 1/20 - 1/200. |

Target

| | |
|-------------------------------|---|
| Function | Degrades extracellular matrix. Proposed to play a role in breast cancer invasion and metastasis. Exhibits trypsin-like activity as defined by cleavage of synthetic substrates with Arg or Lys as the P1 site. |
| Involvement in disease | Defects in ST14 are a cause of ichthyosis autosomal recessive with hypotrichosis (ARIH) [MIM:610765]. ARIH is a skin disorder characterized by congenital ichthyosis associated with the presence of less than the normal amount of hair. |
| Sequence similarities | Belongs to the peptidase S1 family. Contains 2 CUB domains. Contains 4 LDL-receptor class A domains. Contains 1 peptidase S1 domain. |
| Cellular localization | Membrane. |

Images



Paraffin-embedded human placenta tissue stained for ST14 with ab235925 (1/100 dilution) in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ST14 antibody (ab235925)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors